We claim:

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- 1. A method for the inhibition of post-operative adhesion formation in a body between tissue surfaces in a body cavity having been subjected to a surgical procedure comprising administering Pemirolast, or an analog thereof, directly to said tissue surfaces in said body cavity in amounts and under conditions effective to inhibit formation of adhesions thereon.
- 2. The method of claim 1 wherein said Pemirolast or analog thereof is administered in cooperation with a delivery vehicle suitable for use in the local, nonsystemic administration of a therapeutic agent to the body.
- 3. The method of claim 2 wherein said delivery vehicle is selected from the group consisting of microcapsules, microspheres, barriers, liposomes, lipid foams, solutions compositions espectic number fibers

solutions, compositions, osmotic pumps, fibers, filaments, gels, foams and films.

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4. The method of claim 3 wherein said barrier is absorbable.

ETH5123

5. The method of claim 1 wherein said Pemirolast is administered in combination with a therapeutic agent, said therapeutic agent administered in an amount effective to provide the therapeutic effect intended by administration of said therapeutic agent.

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- 6. The method of claim 5 wherein said therapeutic agent is selected from the group consisting of an antiplatelet, an anti-fibrotic, an anti-inflammatory, an anti-proliferative and an agent that inhibits collagen synthesis.
- 7. The method of claim 1 wherein said Pemirolast 15 analog is selected from the group consisting of 3-(1H-Tetrazol-5-yl)-4H-pyridol[1,2- $\alpha$ ]pyrimidin-4-one, 7-Methyl-3-(1H-Tetrazol-5-yl)-4H-pyridol[1,2- $\alpha$ ]pyrimidin-4-one, 8-Methyl-3-(1H-Tetrazol-5-yl)-4H-pyridol[1,2- $\alpha$ ]pyrimidin-4-one, 7-Ethyl-3-(1H-Tetrazol-5-yl)-4Hpyridol[1,2-α]pyrimidin-4-one, 7-n-Butyl-3-(1H-Tetrazol-20 5-y1)- $4H-pyridol[1,2-\alpha]$ pyrimidin-4-one, 7-Phenyl-3-(1H-Tetrazol-5-yl)-4H-pyridol[1,2- $\alpha$ ]pyrimidin-4-one, 7-Chloro-3-(1H-Tetrazol-5-yl)-4H-pyridol[1,2- $\alpha$ ]pyrimidin-4-one, 7,9-dimethyl-3-(1H-Tetrazol-5-yl)-4H-pyridol[1,2- $\alpha$ ]pyrimidin-4-one, 9-Ethyl-3-(1H-Tetrazol-5-yl)-4H-25 pyridol  $[1,2-\alpha]$  pyrimidin-4-one, 8,9,1-,11-tetrahydro-3- $(1H-Tetrazol-5-yl)-4H-pyrimido[2,1-\alpha]isoquinol-4-one$

ETH5123 35

- 8. The method of claim 1 wherein said Pemirolast or analog thereof is administered in a single dose.
- 9. The method of claim 1 wherein said Pemirolast or analog thereof is administered by sustained release.
- 10. The method of claim 1 wherein said Pemirolast or analog thereof is administered by burst/sustained release.
- 11. The method of claim 1 wherein said Pemirolast or analog thereof is administered at a level of from about 0.01 milligram per kilogram of the body to about 3,000 milligram per kilogram of the body.
- 12. The method of claim 1 further comprising administering Pemirolast systemically to said body prior to said surgical procedure.
- 13. The method of claim 1 wherein Pemirolast is administered systemically to said body prior to said surgical procedure in amounts and for a time effective to increase inhibition for formation of adhesions in said body when compared to administration of Pemirolast directly to said tissue surfaces in said body cavity in said body without said systemic administration.

ETH5123

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- 14. A delivery vehicle suitable for local, non-systemic administration of a drug to a body and directly to tissue within a body cavity having been subjected to a surgical procedure, said vehicle comprising Pemirolast or an analog thereof in an amount effective to inhibit formation of post-operative adhesions upon local, non-systemic administration of said Pemirolast to said tissue.
- 15. The delivery vehicle of claim 14 selected from the group consisting of microcapsules, microspheres, barriers, liposomes, lipid foams, solutions, compositions, osmotic pumps, fibers, filaments, gels, foams and films.

16. The delivery vehicle of claim 15 comprising a polymer selected from the group consisting of poloxamers, poly(orthoester)s, poly(vinyl alcohol)s, poly(anhydride)s, poly(methacrylate)s, poly(methacryladmide)s, anionic carbohydrate polymers, poly(hydroxybutyric acid)s, polyacetals, poly(l-lactide), poly(dl-lactide-co-glycolide)s, poly(e-caprolactone), poly(l-lactide-co-glycolide)s, poly(e-caprolactone), polyglycolide, poly(p-dioxanone)s, poly(trimethylene carbonate), poly(alkylene diglycolate)s, poly(oxaester)s, poly(oxaamide)s and glyceride polymers.

ETH5123

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17. The delivery vehicle of claim 15 wherein said liposome is selected from the group consisting of L-alpha-distearoyl phosphatidylcholine, phosphatidylcholine, dipalmitoylphosphatidylcholine and egg phosphatidylcholine.

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- 18. The delivery vehicle of claim 15 wherein said solution comprises a crystalloid instillate selected from the group consisting of phosphate buffered saline, saline and lactated Ringer's solution.
- 19. The delivery vehicle of claim 15 wherein said solution comprises viscous instillate comprising a carrier selected from the group consisting of dextrans, cyclodextrans, hydrogels, carboxymethylcellulose, poly(saccharide)s, hyaluronic acids, crosslinked hyaluronic acids and chondroitin sulfates.
- 20. The delivery vehicle of claim 15 wherein said barrier is absorbable.
- 21. The delivery vehicle of claim 19 wherein said absorbable barrier is selected from the group consisting of hyaluronic acids, cellulosics derivatives, collagens, recombinant human collagen, polyethylene glycols, pluronics, chitin, chitosans, dextrans, glucoses, carbohydrates, gelatins, glycosaminoglycans, polyacrylamides, polyvinyl pyrrolidones, polyvinyl

ETH5123 38

alcohols, polymethyacrylics, aliginates, starches and polypeptides.

- 22. The delivery vehicle of claim 14 further comprising a therapeutic agent in an amount effective to provide the therapeutic effect intended by administration of said therapeutic agent.
- 23. The delivery vehicle of claim 22 wherein said
  therapeutic agent is selected from the group consisting
  of an anti-platelet, an anti-fibrotic, an antiinflammatory, an anti-proliferative and an agent that
  inhibits collagen synthesis.
- 24. The delivery vehicle of claim 14 wherein said vehicle provides for single dose administration of said Pemirolast or analog thereof.
  - 25. The delivery vehicle of claim 14 wherein said vehicle provides for sustained release of said Pemirolast or analog thereof.
    - 26. The method of claim 14 wherein said vehicle provides for burst/sustained release of said Pemirolast or analog thereof.
    - 27. The delivery vehicle of claim 14 comprising from about 0.01 milligram Pemirolast or analog thereof per

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kilogram of the body to about 3,000 milligram Pemirolast or analog thereof per kilogram of the body.

- 28. A composition suitable for local, non-systemic administration of a drug to a body and directly to tissue within a body cavity having been subjected to a surgical procedure, said composition comprising Pemirolast or an analog thereof in an amount effective to inhibit formation of post-operative adhesions upon local, non-systemic administration of said composition to said tissue, and a carrier suitable for local, non-systemic administration of said Pemirolast or analog thereof.
- 29. The composition of claim 27 wherein said carrier is selected from the group consisting of microcapsules, microspheres, barriers, liposomes, lipid foams, solutions, osmotic pumps, fibers, filaments, gels, foams and films.

30. The composition of claim 29 wherein said carrier comprises a polymer selected from the group consisting of poloxamers, poly(orthoester)s, poly(vinyl alcohol)s, poly(anhydride)s, poly(methacrylate)s, poly(methacryladmide)s, anionic carbohydrate polymers, poly(hydroxybutyric acid)s, polyacetals, poly(l-lactide), poly(dl-lactide-coglycolide)s, poly(e-glycolide)s, poly(l-lactide-co-glycolide)s, poly(e-

ETH5123

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caprolactone), polyglycolide, poly(p-dioxanone)s, poly(trimethylene carbonate), poly(alkylene diglycolate)s, poly(oxaester)s, poly(oxaamide)s and glyceride polymers.

31. The composition of claim 28 wherein said composition provides for single dose administration of said Pemirolast or analog thereof.

- 32. The composition of claim 28 wherein said composition provides for sustained release of said Pemirolast or analog thereof.
  - 33. The composition of claim 28 wherein said composition provides for burst/sustained release of said Pemirolast or analog thereof.
  - 34. The composition of claim 28 comprising from about 0.01 milligram Pemirolast or analog thereof per kilogram of the body to about 3,000 milligram Translast or analog thereof per kilogram of the body.
  - 35. The delivery vehicle of claim 29 wherein said liposome is selected from the group consisting of L-alpha-distearoyl phosphatidylcholine, phosphatidylcholine, dipalmitoylphosphatidylcholine and and egg phosphatidylcholine.

ETH5123

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36. The delivery vehicle of claim 29 wherein said solution comprises a crystalloid instillate selected from the group consisting of phosphate buffered saline, saline and lactated Ringer's solution.

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37. The delivery vehicle of claim 29 wherein said solution comprises viscous instillate comprising a carrier selected from the group consisting of dextrans, cyclodextrans, hydrogels, carboxymethylcellulose, poly(saccharide)s, hyaluronic acids, crosslinked hyaluronic acids and chondroitin sulfates.

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38. The delivery vehicle of claim 29 wherein said barrier is absorbable.

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39. The delivery vehicle of claim 38 wherein said absorbable barrier is selected from the group consisting of hyaluronic acids, cellulosics derivatives, collagens, recombinant human collagen; polyethylene glycols, pluronics, chitin, chitosans, dextrans, glucoses, carbohydrates, gelatins, glycosaminoglycans, polyacrylamides, polyvinyl pyrrolidones, polyvinyl alcohols, polymethyacrylics, aliginates, starches and polypeptides.

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40. The delivery vehicle of claim 28 further comprising a therapeutic agent in an amount effective to provide

ETH5123

the therapeutic effect intended by administration of said therapeutic agent.

41. The delivery vehicle of claim 39 wherein said therapeutic agent is selected from the group consisting of an anti-platelet, an anti-fibrotic, an anti-inflammatory, an anti-proliferative and an agent that inhibits collagen synthesis.

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